

FIGURE 1

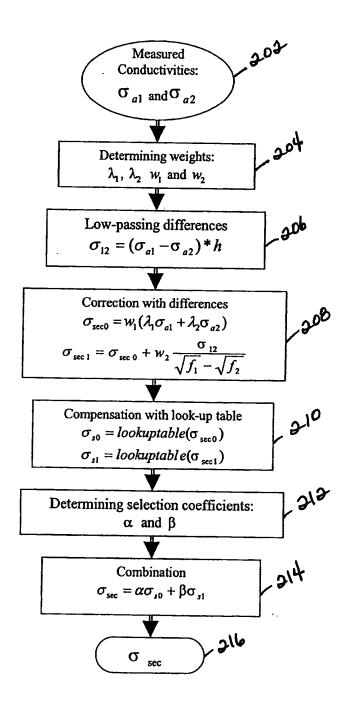
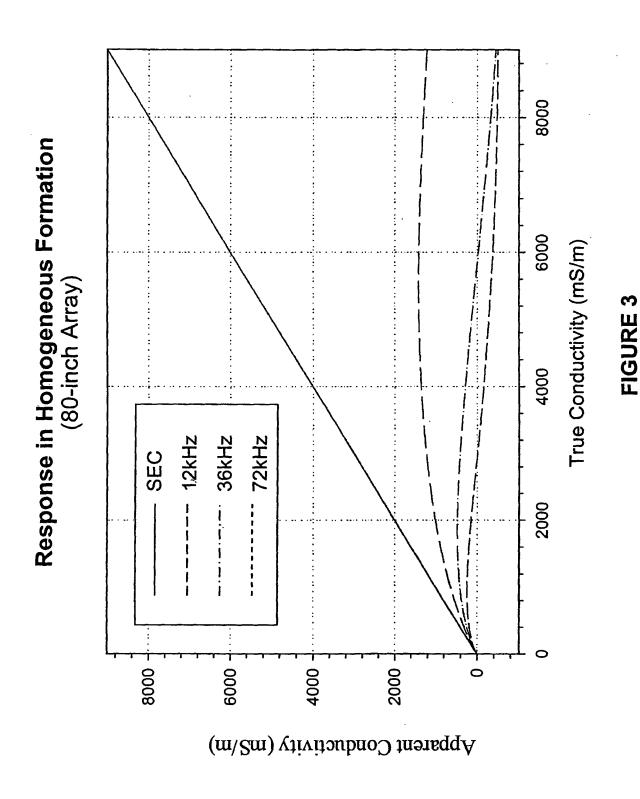


FIGURE 2



1e+5 Response in Homogeneous Formation (12 kHz) 1e+4 True Conductivity (mS/m) 1e+3 1e+2 80in 50in 30in 20in 10in 6in 1e+1 1e+5 ₃ 1e+1 -1e+2 = 1e+3 · 1e+4 Apparent Conductivity (mS/m)

FIGURE 4

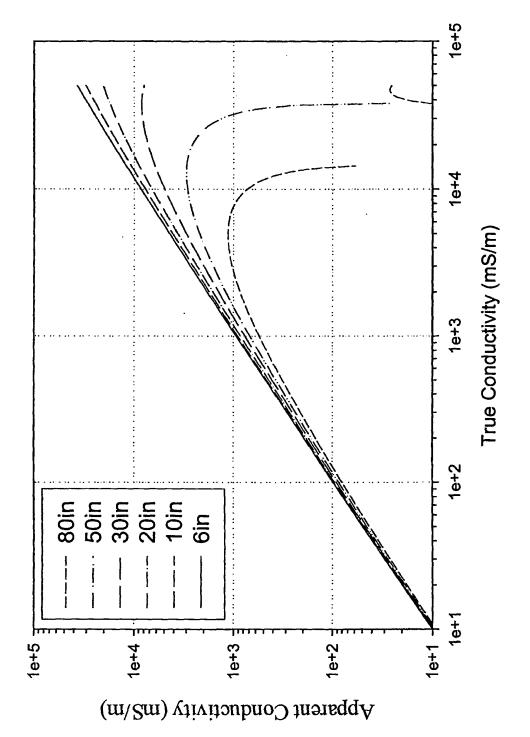


FIGURE 5

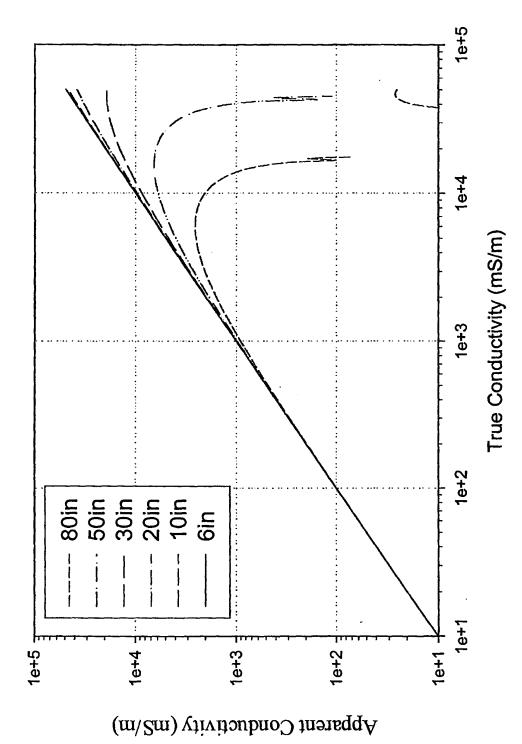


FIGURE 6

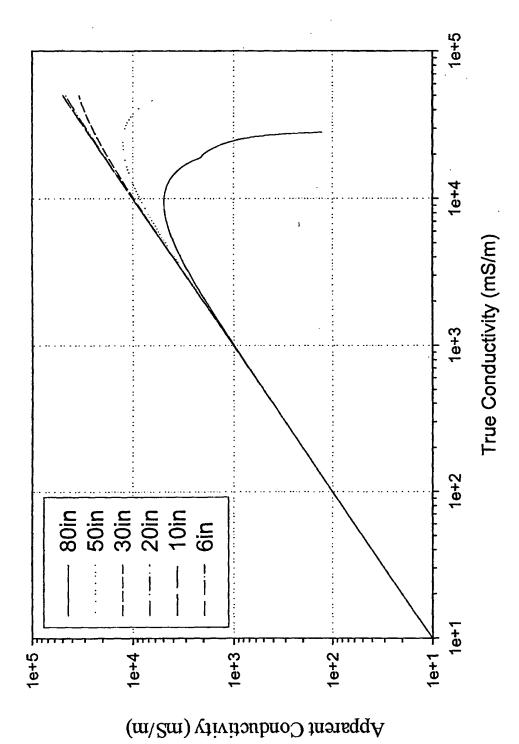


FIGURE 7

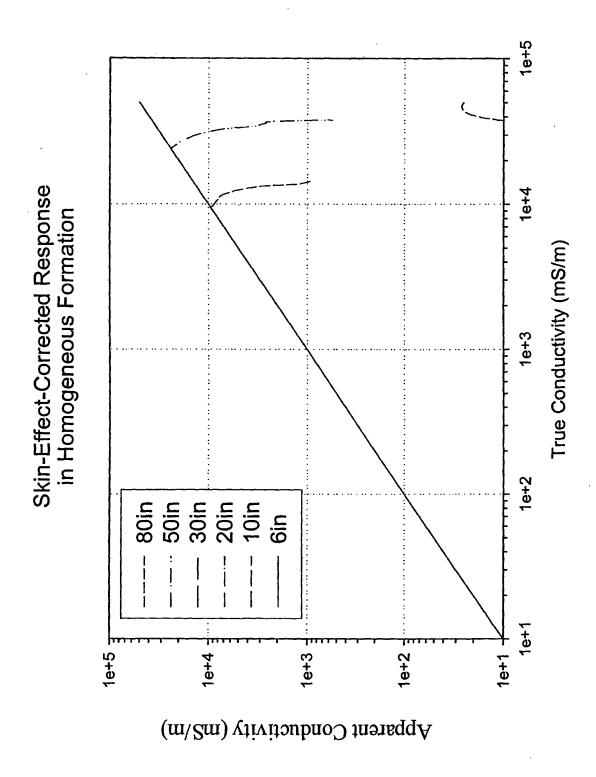


FIGURE 8

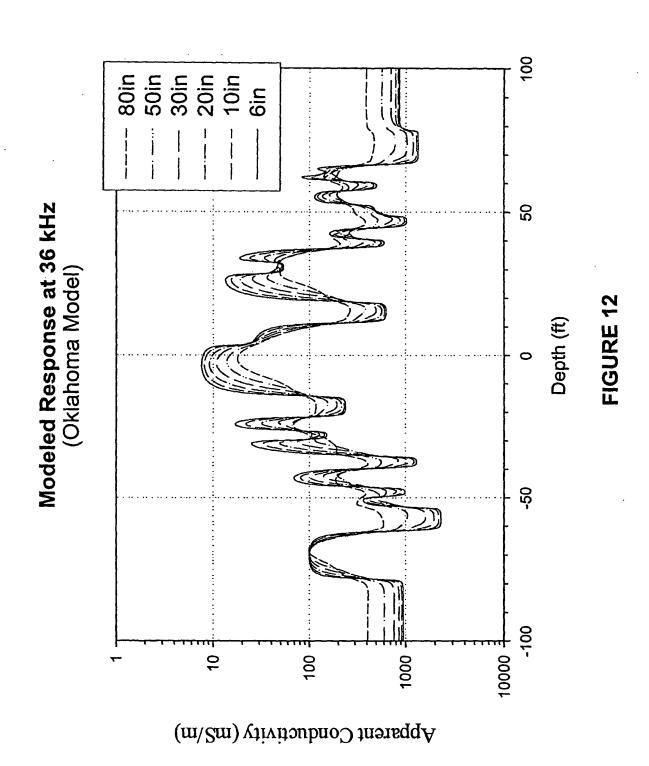
Vertical Geometric Factors (80-inch Array at 3000 mS/m) Vertical Distance (m) 36kHz 72kHz 12kHz SEC ლ 0 0.1 ΛCŁ

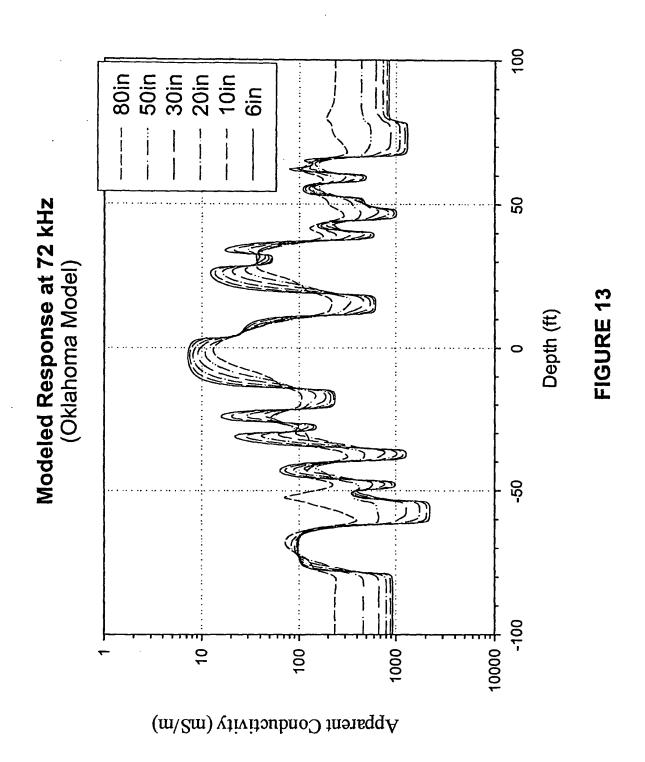
FIGURE 9

12kHz 36kHz 72kHz SEC Ŋ Radial Geometric Factors (80-inch Array at 3000 mS/m) Radial Distance (m) -0.2 0.0 0.5 0.3 0.2 0.4 0.1 ٠. م RGF

FIGURE 10

100 80in 50in 30in 20in 10in 6in Modeled Response at 12 kHz (Oklahoma Model) 20 FIGURE 11 Depth (ft) -50 9 100 Apparent Conductivity (mS/m)





80in 50in 30in 20in 10in 6in Skin Effect Corrected Response (Oklahoma Model) 20 FIGURE 14 Depth (ft) -50 10 100 1000 Apparent Conductivity (mS/m)

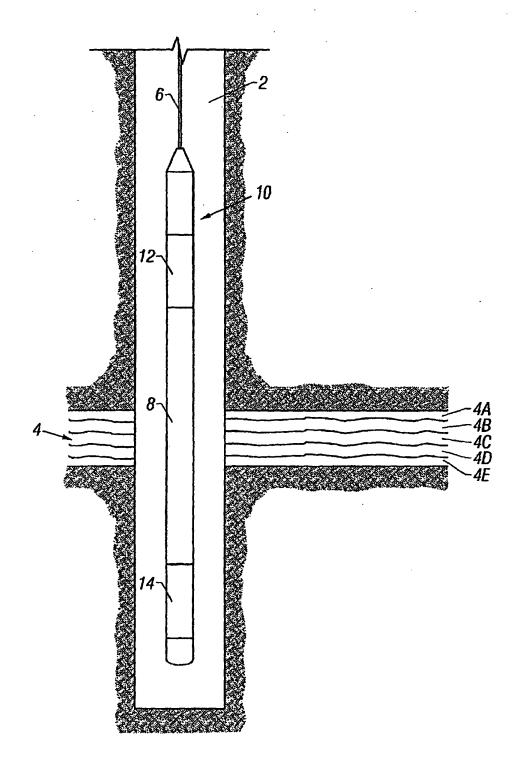


FIGURE 15

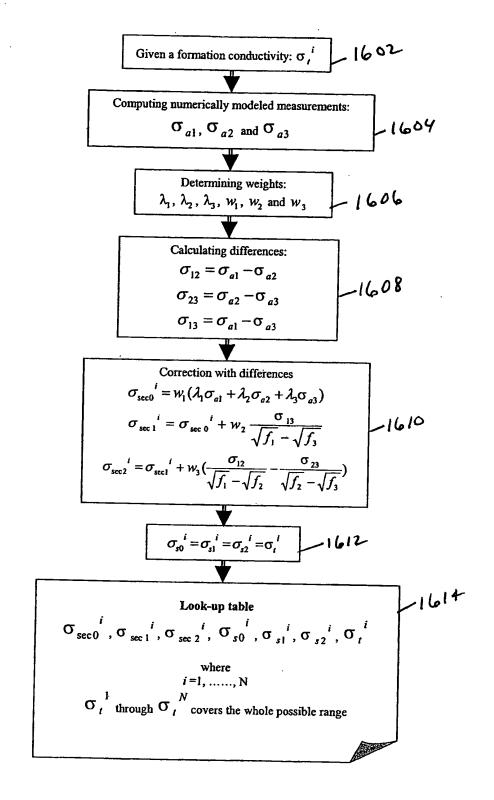


FIGURE 16

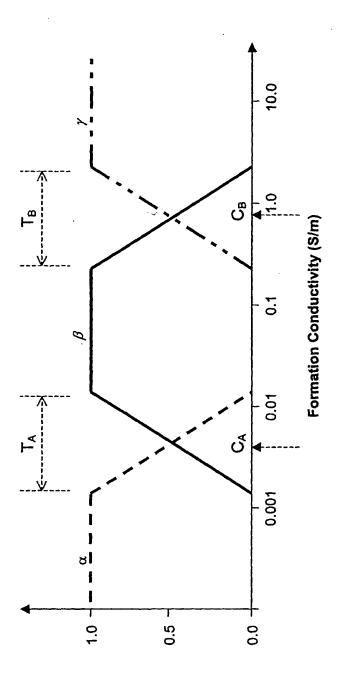


FIGURE 17

Selection Coefficients